

What is claimed is:

1. A two-purpose wireless hand-free earphone set for use in driving, comprising a transceiver adapted for detachably connecting to a mobile phone, a hand-free earphone adapted for wearing on one ear to receive and send voice-frequency signals from and to said transceiver, and a speaker seat adapted for mounting at a predetermined position in a car to removably hold said hand-free earphone thereto; said voice-frequency signals being switched to and sent out via said speaker seat when said hand-free earphone is positioned on and held to said speaker seat; whereby a user in driving is allowed to listen and talk freely without the need of always wearing said hand-free earphone on one ear and any discomfort of the ear caused by wearing said hand-free earphone for a prolonged time is avoided.
- 20 2. The two-purpose wireless hand-free earphone set for use in driving as claimed in claim 1, wherein said hand-free earphone includes a male terminal outward projected from a predetermined position on said hand-free earphone and electrically connected to a circuitry internally provided in said hand-free earphone, and said speaker seat being externally

provided at a predetermined position with a recess,
in which a female terminal hole is provided for said
male terminal of said hand-free earphone to plug
thereinto when said earphone is positioned in said
recess on said speaker seat.

3. The two-purpose wireless hand-free earphone set for
use in driving as claimed in claim 1, wherein said
speaker seat is internally provided with a switch
10 for switching said voice-frequency signals from said
hand-free earphone to said speaker seat for sending
out said voice-frequency signal via said speaker seat
when said hand-free earphone is positioned on and
held to said speaker seat.

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4. The two-purpose wireless hand-free earphone set for
use in driving as claimed in claim 2, wherein said
speaker seat is internally provided with a switch
for switching said voice-frequency signals from said
hand-free earphone to said speaker seat for sending
20 out said voice-frequency signal via said speaker seat
when said hand-free earphone is positioned in said
recess on said speaker seat with said male terminal
plugged into said female terminal hole that is
25 electrically connected to said switch.